



MSDS No.: 188
Revision No.: 006
Revision Date: 04/17/98
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MATERIAL SAFETY DATA SHEET

Product name: MC400 Cream Hand Cleaner
Description: Terpene (botanical) based hand cleaner
Supplier: Hilti, Inc. P.O. Box 21148, Tulsa, OK 74121; phone 1800 879 8000
Emergency # (Chem-Trec.): 1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries)

INGREDIENTS AND EXPOSURE LIMITS

Ingredients:	CAS Number:	TLV:	PEL:	STEL:
Botanical Limonenes	08008-57-9	NE	NE	NE
Mineral Oil	08012-95-1	NA	NA	NA
Lanolin	61790-81-6	NE	NE	NE
Nonylphenol Ethoxylate	26027-38-3	NE	NE	NE
Inert Ingredients	07732-18-5	NE	NE	NE
Petroleum Solvents	64742-48-9	NA	NA	NE

Abbreviations: PEL = OSHA Permissible Exposure Limit. TLV = ACGIH Threshold Limit Value. These are 8 hour time-weighted averages unless otherwise indicated by "C" (Ceiling) or "STEL" (Short Term Exposure Limit). NE = None Established. NA = Not Applicable.

PHYSICAL DATA

Appearance:	Cream colored paste	Odor:	Banana odor
Vapor Density:	1 (air = 1)	Vapor Pressure:	17.5 mm Hg
Boiling Point:	220 F	VOC Content:	430 g/l
Evaporation Rate:	1 (n-butyl acetate = 1)	Solubility in Water:	100%
Specific Gravity:	0.85	pH:	Not determined

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	> 200 F	Flammable Limits:	Not applicable
Extinguishing Media:	None required		
Special Fire Fighting Procedures:	None known or anticipated.		
Unusual Fire and Explosion Hazards:	None known or expected.		

REACTIVITY DATA

Stability:	Stable	Hazardous Polymerization:	Will not occur.
Incompatibility:	None identified		
Decomposition Products:	Thermal decomposition can yield CO and CO ₂ .		
Conditions to Avoid:	None identified		

HEALTH HAZARD DATA

Known Hazards:	Eye irritation
Signs and Symptoms of Exposure:	Eye irritation
Routes of Exposure:	Dermal.

Carcinogenicity:	Highly refined mineral oils are not considered to be carcinogens by IARC, NTP, or OSHA.
Medical Conditions Aggravated by Exposure:	None expected

EMERGENCY AND FIRST AID PROCEDURES

Eyes:	Flush with plenty of water. Call a physician if symptoms occur.
Skin:	Not applicable
Inhalation:	Move victim to fresh air. Call a physician if symptoms persist.
Ingestion:	Give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed by a physician. Call a physician immediately.
Other:	Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure.

CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT

Ventilation:	General (natural or mechanically induced fresh air movements).
Eye Protection:	Safety glasses are recommended in most industrial settings.
Skin Protection:	Not normally required.
Respiratory Protection:	None required.

PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storing Precautions:	No special measures required.
Spill Procedures:	Wipe away spilled material and flush with water.

REGULATORY INFORMATION

Hazard Communication:	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
HMIS Codes:	Health 0, Flammability 0, Reactivity 0, PPE A
DOT Shipping Name:	Not regulated.
ICAO / IATA Shipping Name:	Not regulated.
TSCA Inventory Status:	Chemical components listed on TSCA inventory.
SARA Title III, Section 313:	This product does not contain any ingredients which are subject to reporting under Section 313 of SARA Title III (40 CFR Part 372).
EPA Waste Code(s):	Not regulated by EPA as a hazardous waste.
Waste Disposal Methods:	Consult with regulatory agencies or your corporate personnel for disposal methods that comply with local, state, and federal safety, health and environmental regulations.

CONTACTS

Customer Service:	1 800 879 8000	Technical Service:	1 800 879 8000
Health / Safety:	1 800 879 6000	Jerry Metcalf	(x6704)
Emergency # (Chem-Trec):	1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries)		

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